

P/N : RMC1852.5 1937.5D15M01

1. FEATURES

- ▶ HIGH PERFORMANCE
- ▶ HIGH RELIABILITY
- ▶ Coaxial TYPE
- ▶ Duplexer PCS Distribution
- ▶ RoHS Compliant

1-2. Electrical Specifications

ITEM			
1) Frequency range	Tx:1930MHz~1945MHz (BW=15M)	Rx:1850MHz~1855MHz (BW=5M)	
2) Insertion Loss	1.0dB Max	1.0dB Max	
3) Return Loss	18dB Min	18dB Min	
4) Ripple within band	0.2dB Max over any1.25MHz 0.5dB across the 15MHz band	0.2dB Max over any1.25MHz 0.6dB across the 5MHz band	
5) Group Delay Deviation	20nSec max in any 1.25MHz		
6) Rejection	80dB Min@1850~1855MHz 75dB Min from 80 to 1800MHz 75dB Min from 2.2 to 4GHz	15dB Min at 1865MHz Att. Monotonically Increasing at 1865-1930MHz 85dB Min@1930~1945MHz 75dB Min@80~1800MHz 75dB Min from 2 to 4GHz	
7) Ant/Tx,Rx Port	SMA(F)		
8) Impedance	50 Ohm nominal		
9) Size	200.0x63.0x55.0 (mm)		
10) Input Power	20Watts Max	10Watts Max	
11) Temperature range	-20 to +75		°C

* CDMA Signal (Peak to Average 12dB requires to use 32 channel CDMA signal)
 The duplexer will not collapse when 12dB Return loss load is connected to its ANT Port

1-3. Mechanical Specifications

